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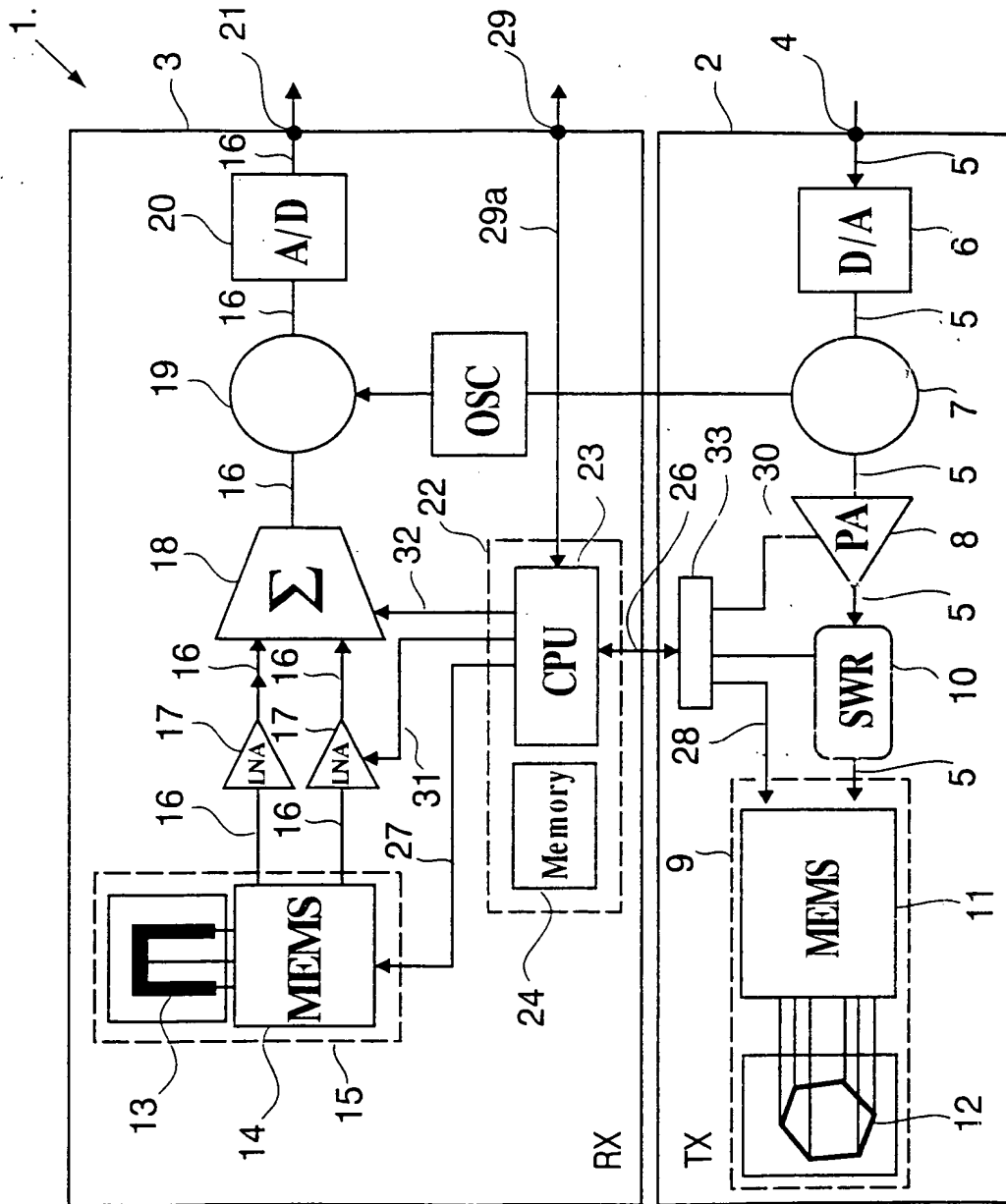
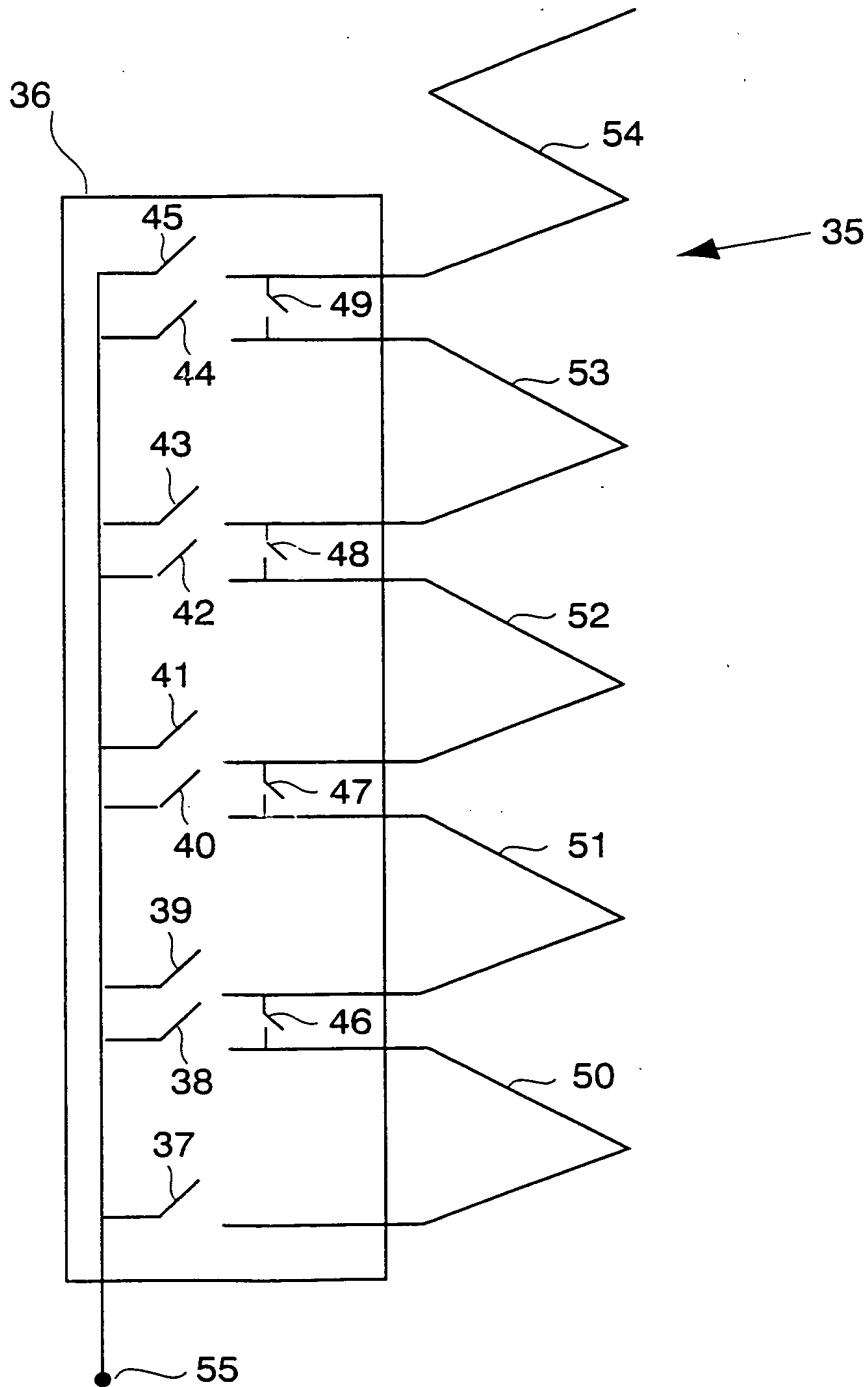
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Fig. 1

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**Fig. 2**

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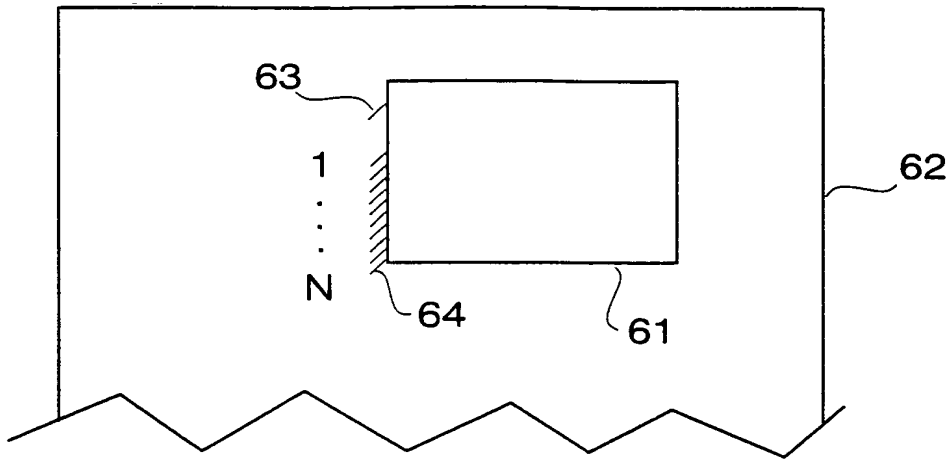


Fig. 3

N states

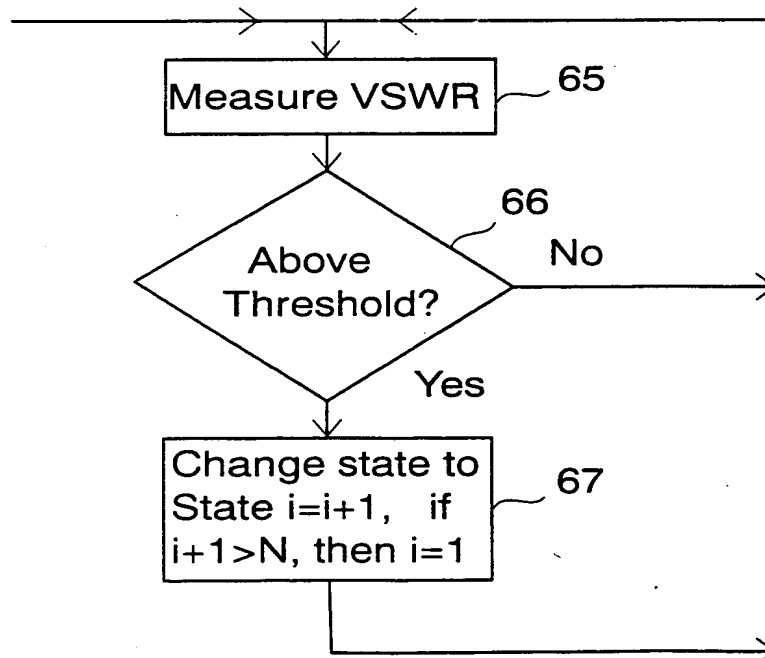
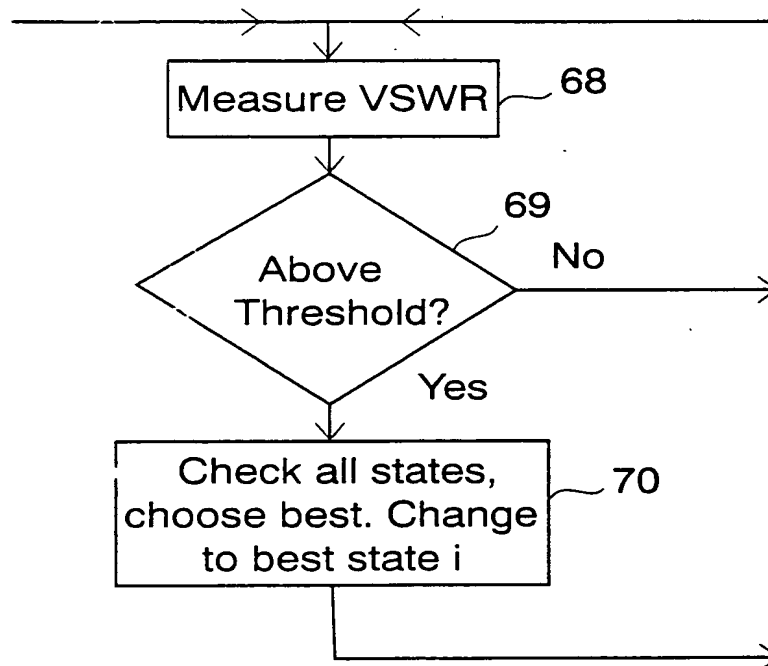
State i , $i=1$, set threshold

Fig. 4

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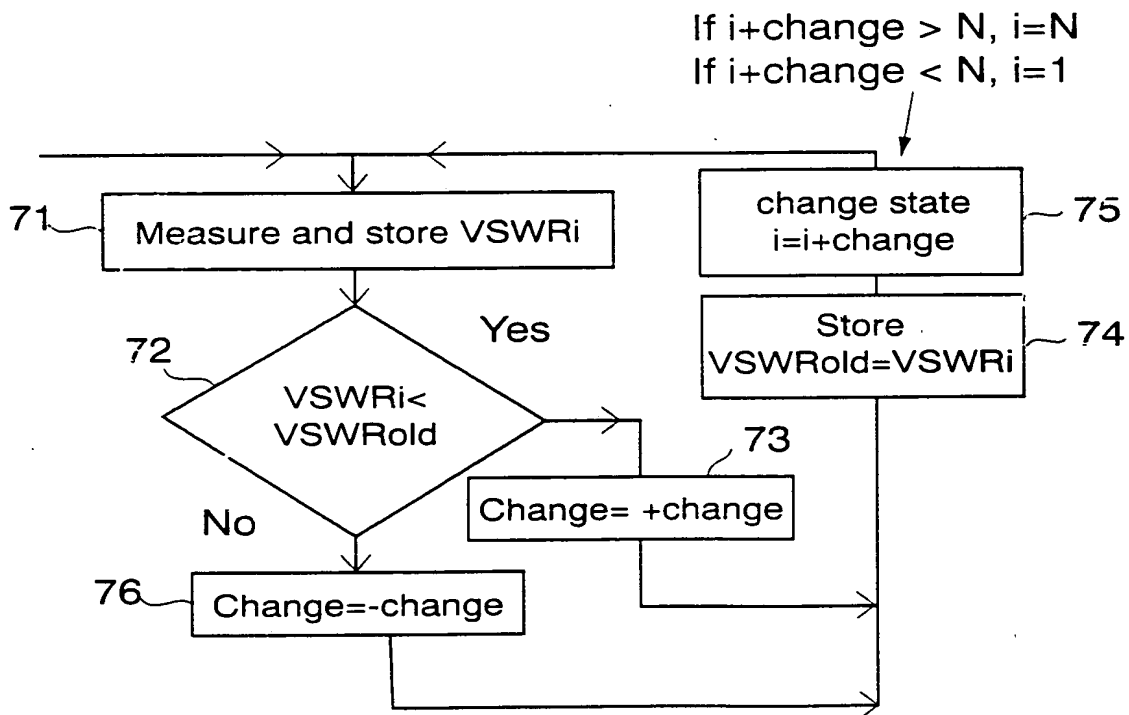
N states,
State i, $i=1$, set threshold

**Fig. 5**

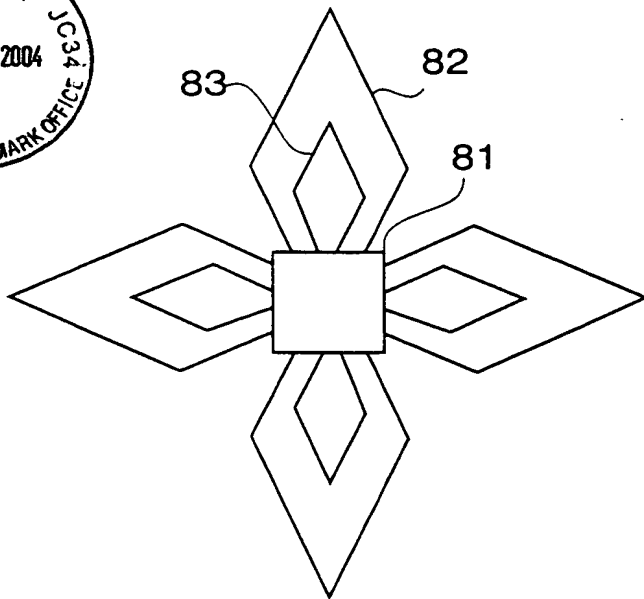
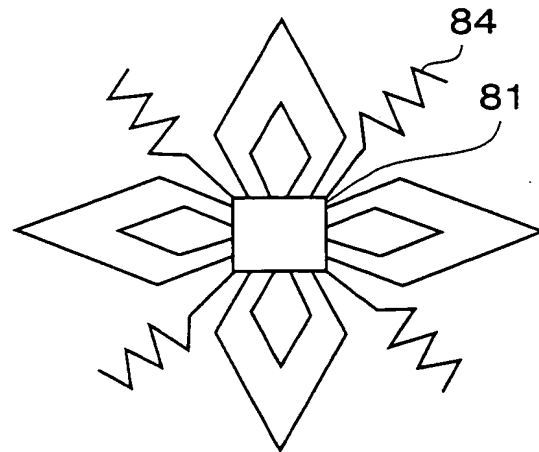
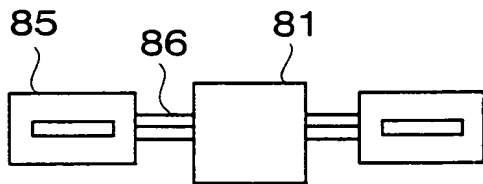
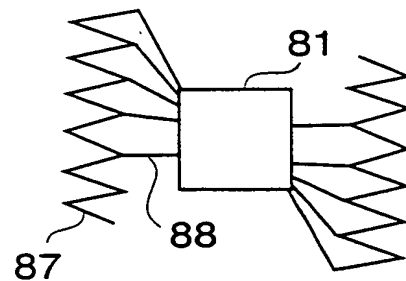
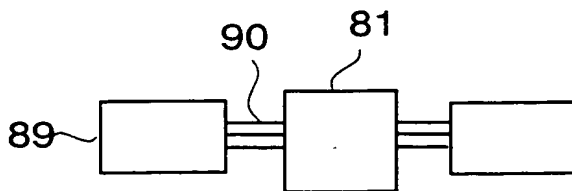
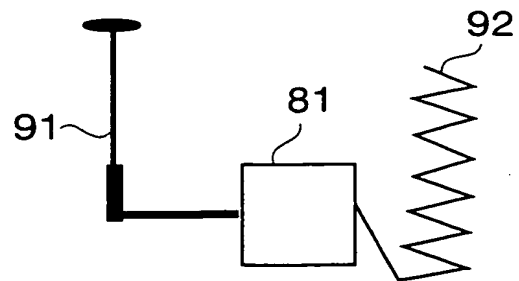
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N states,
State i, $i=1$, $VSWR_{old}=0$, $change=+1$

**Fig. 6**

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**Fig. 7a****Fig. 7b****Fig. 7c****Fig. 7d****Fig. 7e****Fig. 7f**